i-READ

Security Management System

i-READ is the ideal system to manage guard security rounds, asset control, maintenance and verification of personnel performance.

The i-READ Guard Tour Management System uses modified ICOM handheld radios that automatically scan signal badges deployed on a predetermined route. An optional mandown function detects tilt and immobility, enabling reassuring protection for users.

- Integrated Guard Tour Management system provides the benefits of mobile radio communication and computer reporting.
- A powerful management tool, provides a detailed view of staff deployment and resources.
- Allows digital or analogue operation in either VHF or UHF bands.
- In digital mode, i-READ incorporates the latest digital 6.25K technology giving the user double the number of channels normally found on an analogue system.
- Voice record facility available.
- Monitor and communicate with your staff remotely via IP.
- Incorporates text and status messaging, thereby reducing voice traffic on busy radio channels.
- Alerts staff of security issues without the risk of being overheard. Uses text messages to circulate security information such as descriptions of known offenders.
- Easily improves health and safety performance by using the optional Mandown, Loneworker and panic button functions.
- Simply installed and expandable - an unlimited amount of tags can be added to the system.

DIGITAL

i-READ
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System Overview

Powerful security management system
i-READ allows the user to locate staff in buildings and areas where GPS tracking is not possible. Using a series of manual location badges, a handportable radio automatically sends its position back to base control. When used in conjunction with other modern security systems, i-READ provides a detailed view of staff activity and deployment. The system is designed to be fully interactive, ensuring dispatchers and supervisors are able to monitor and respond to incidents as they occur, even via a remote location using IP.

Digital operation available
When the IC-F3162 (VHF) or IC-F4162 (UHF) digital commercial handportables are used, i-READ provides; 6.25kHz channel spacing and spectrum efficiency to save you money. Digtial mode doubles the channel capacity of 12.5kHz narrow band technology, meaning that users will have twice the capacity and also save 50% on licensing fees. Digitally-modulated, clear-voice and secure conversation are other beneficial features.

Easy to install - easy to use
The reader simply plugs into the accessory port of the ICOM radio. This can be run for a long time due to particularly low battery consumption. The reading of the tag is performed in two ways (automatically or after pressing a button on the radio).

Voice, text and status messaging
Integral to the i-READ Guard Tour Management System are ICOM analogue/digital, VHF/UHF advanced commercial handportable radio transceiver. The i-READ scanner is integrated into the radio providing the organisation with a discrete communication tool. The radios give full status and text messaging and lone-worker functions (not previously available on previous versions of this product) Integration of the scanner leaves the accessory socket free on the outside for other functionality.

Automatic or manual alarm
The automatic alarm triggers when the portable is tilted (beyond the programmable threshold). An alarm sounds to notify the user of the imminent start of the emergency cycle (time duration and angle are programmable). Activation of the manual alarm is done by pressing the red button on top of the portable.

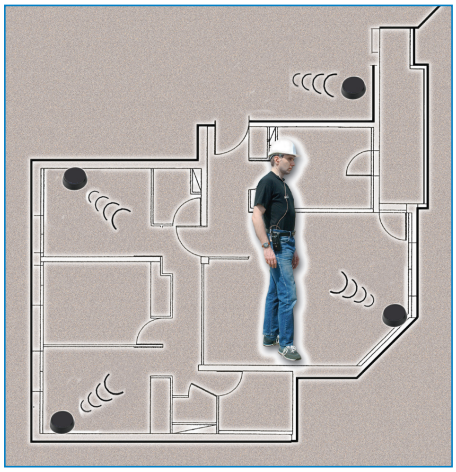
A tool for management control
You can visualise, in real time, all the positions of the beacons and the portables in use, as well as view, file and print all traffic data, making it ideal for management control and future resource planning. You can even record all voice communications.

Positive security polling
For maximum security, the base radio polls the handportable at regular intervals as it systematically sends back an acknowledgement. In this way, the control centre automatically watches over the user of the radio to assure his/her protection.

Displaying pre-programmed texts on the portable's screen
The LCD screen can display short text messages containing up to 95 characters. This enables a guard to receive specific instructions at a particular checkpoint.

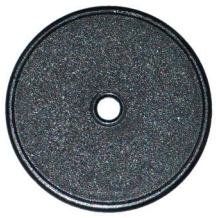
Anti repeat function
An anti-repeat function avoids duplicate memorising of a checkpoint should the user place the reader several times in front of the same tag.

ICOM radio memorises last positions
The handportable memorises up to 16 checkpoints. This means that tags can be installed in areas that were previously thought to be out of reach of the radio system. This useful function also gives the guard peace of mind from worrying about busy channels; since the portable memorises the tags and sends them automatically when the channel is available.



i-READ Guard Tour Management System uses ICOM radios with a specially attached reader that scans badges laid on a predetermined route.

A typical base-station set-up.



i-READ badge

i-READ system equipment:
- One or more ICOM radio transceivers, fitted with an i-READ badge scanner.
- One or more i-READ badges.
- One programmed base-station radio transceiver.
- RMS-Net software suite.

Authorised dealer:

E&OE 16.10.13.

i-READ and RMS-Net are exclusive ICOM UK LTD products.
If you would like further information about the i-READ system, please contact us.

ICOM-UK
Blacksole House, Altira Park, Herne Bay, Kent CT6 6GZ. UK.
Tel: +44 (0)1227 741741. Fax: +44 (0)1227 741742. e-mail: systems@icomuk.co.uk website: www.icomuk.co.uk